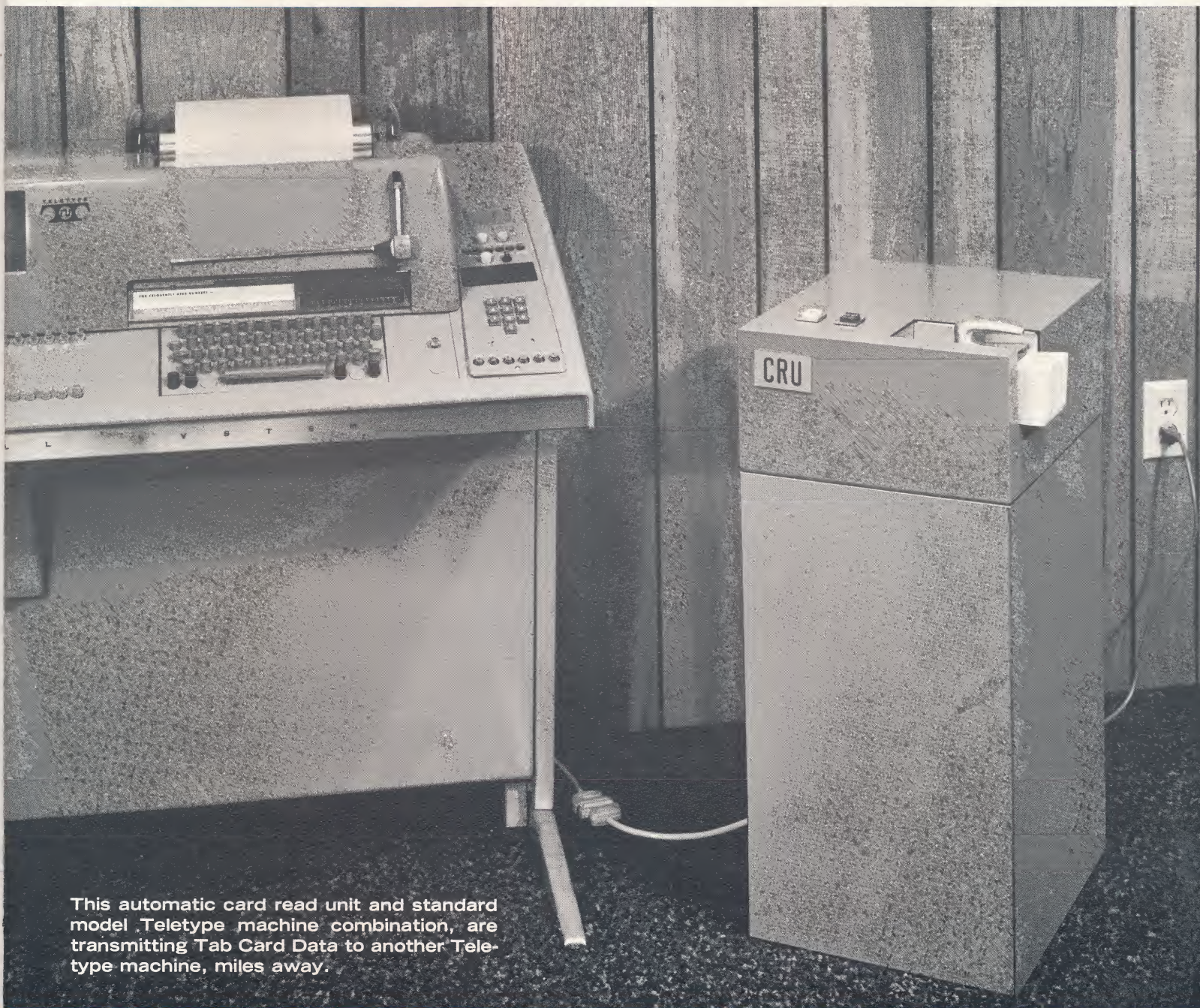


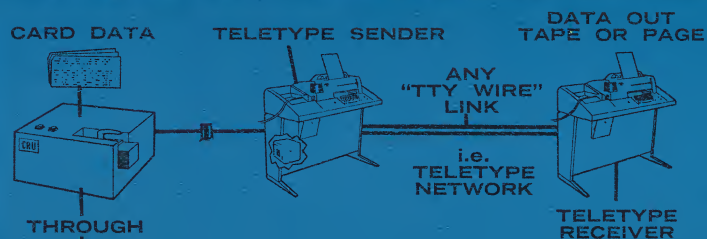
CRU

CARD READ UNIT

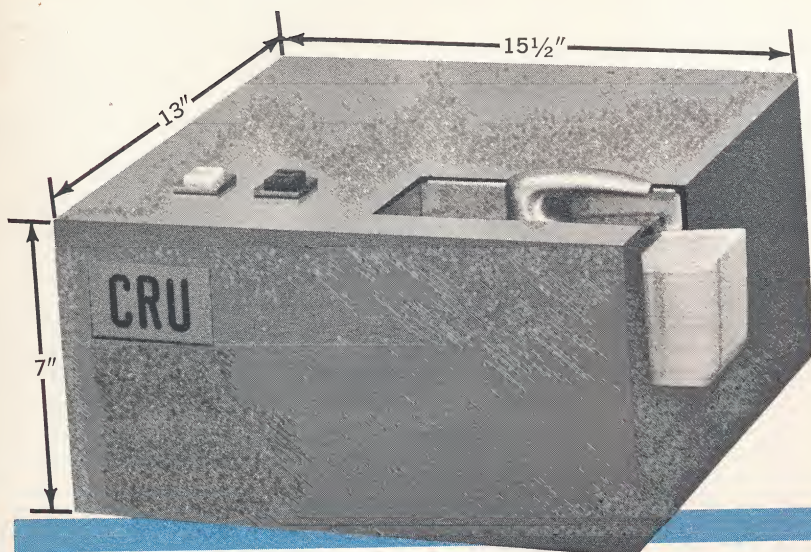


This automatic card read unit and standard model Teletype machine combination, are transmitting Tab Card Data to another Teletype machine, miles away.

DIGITAL ELECTRONIC MACHINES, INC.



Data output is computer compatible punched paper tape, or page copy.



CRU

CARD READ UNIT

STANDARD FEATURES

- 100 words per minute
- Input to output code conversion
- Photoelectric reader with solid state components
- On-off and card feed switches
- Hopper capacity—500 cards
- Card tray, card weight, power and output cables

OPTIONAL FEATURES

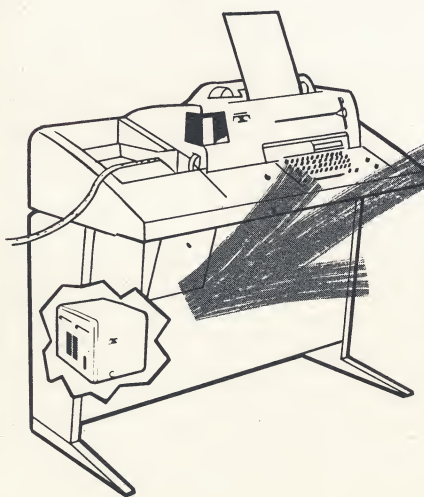
- Automatic carriage return (code output) at end of card and automatic line feed (code output) at beginning of card
- Remote or locally controlled, single card feed
- Card start or stop on external signal
- Card stop on punched code
- Higher card feed speeds (120 cards per minute maximum)
- Additional code conversions (characters or codes)
- Cabinet and stand arrangements
- Parallel to serial converters

The CRU provides a reliable automatic low cost card input unit for versatile application in the fields of data communications, processing and collection. When the CRU is used with standard model Teletype machines the CRU operates in the same manner as the TTY tape reader. This provides a second input to the keyboard, the punch, and the transmission line selectively. No teletypewriter function is sacrificed, allowing completely standard TTY operation. With the CRU, tab card data can be

transmitted over TTY, Telex, Local, DDD, WATS, and leased wire networks.

With optional modifications the standard CRU can be used as an input device for computer equipment, billing and accounting machines and numerical process control systems.

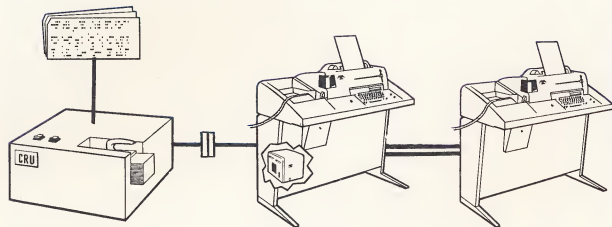
The CRU reads 80 or 51 column tab cards and converts their content to any desired 5 to 8 level output code.



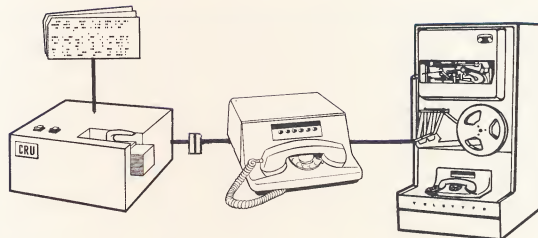
The CRU is attached to standard model Teletype machines through the standard Teletype business machine interface, the Teletype Multiple Wire Distributor. This TTY-MWD is located, out of sight, in the base of the Teletype machine cabinet. All telephone companies provide and install the TTY-MWD. The CRU connects directly to the TTY-MWD through a standard connector. The CRU-MWD-TTY is an approved data communications application.

KEY APPLICATIONS

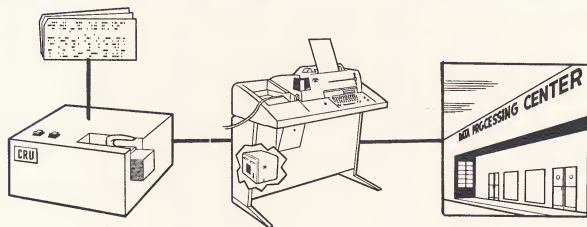
CRU/CTU/TPU



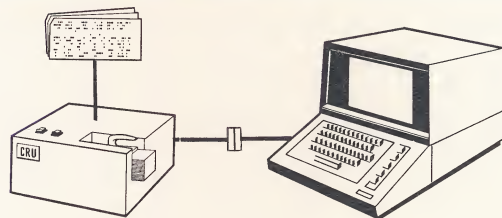
SEND TAB CARD DATA VIA TELETYPE NETWORK—Use CRU with any standard Teletype machine.



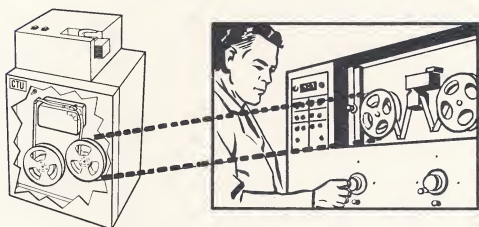
SEND TAB CARD DATA VIA TELEPHONE NETWORK—Use CRU with any telephone system data set and high speed tape receiver.



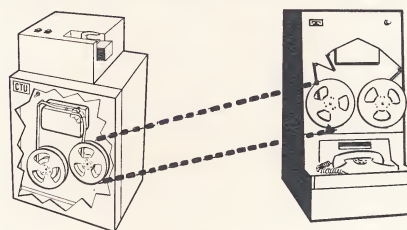
COMMUNICATE WITH DATA PROCESSING & SERVICE CENTERS—Use CRU with any standard model Teletype machine.



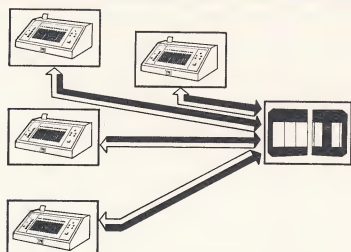
LOAD CRT DISPLAYS WITH TAB CARDS—Use CRU with computer equipment.



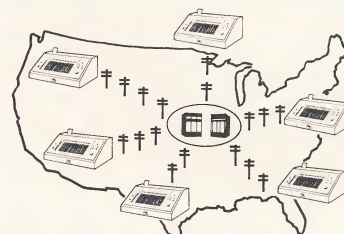
MAKE NUMERICAL PROCESS CONTROL TAPES FROM TAB CARDS—Use CTU.



MAKE PUNCHED PAPER TAPE FROM TAB CARDS FOR LATER HIGH SPEED TRANSMISSION—Use CTU and high speed tape transmitter.



EXPEDITE SALES ORDER ENTRY AND BRANCH STORE REPORTING—Use TPU and send tape by TWX or mail.



GATHER DATA FROM REMOTE AREAS IN COMPUTER COMPATIBLE FORM—Use TPU or a combination of TPU and CRU.

DIGITAL ELECTRONIC MACHINES, INC.

2130 JEFFERSON STREET, KANSAS CITY, MISSOURI 64108

TELEPHONE: 816/421-3131

TWX: 910/771-2067

Quick reaction information request

PLEASE SEND ADDITIONAL INFORMATION ON:

☐ CRU ☐ CTU ☐ TPU

NAME

MY SPECIFIC APPLICATION REQUIREMENT IS:

TITLE

DIVISION OR DEPARTMENT

SECTION/DEPARTMENT/OR MAIL CODE

COMPANY

CITY

WHEN DO YOU ANTICIPATE USING THIS EQUIPMENT?

☐ 1-3 MONTHS ☐ 4-6 MONTHS

☐ FOR INFORMATION ONLY

☐ ADD MY NAME TO YOUR MAILING LIST.

STATE/ZIP CODE

AREA CODE/PHONE NUMBER/EXTENSION

BUSINESS REPLY MAIL

No postage stamp necessary if mailed in the U.S.A.

FIRST CLASS
PERMIT NO. 10921
KANSAS CITY, MO.

POSTAGE WILL BE PAID BY

DIGITAL ELECTRONIC MACHINES, INC.

2130 JEFFERSON STREET

KANSAS CITY, MISSOURI **64108**



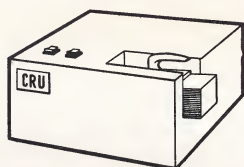
DIGITAL ELECTRONIC MACHINES, INC.

2130 JEFFERSON STREET, KANSAS CITY, MISSOURI 64108
TELEPHONE: 816/421-3181 TWX: 910/771-2067

Attention: Data Communications Manager
Computer Operations Department

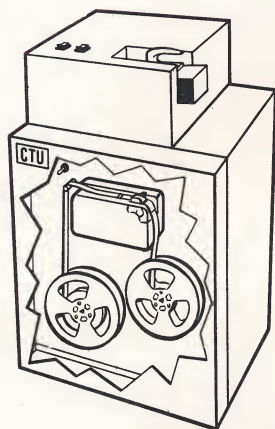
Dear Sir:

The information with this letter explains three of our reliable, low cost products which can help you multiply the usefulness of your data communications system.



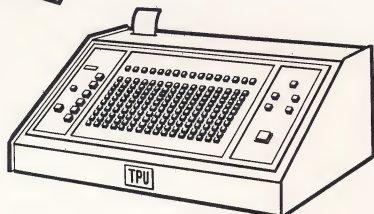
Card Read Unit (CRU):

A hopper fed, photoelectric card reader with a coded output that can be automatically transmitted by standard model Teletype machines or telephone system data sets.



Card To Tape Unit (CTU):

The CRU as described above with a cabinet mounted paper tape punch. Any 5 to 8 level output code is available. One plug in code board changes output code.



Tape Preparation Unit (TPU):

A custom arranged, modular keyboard unit for remote data collection with flexible programming. Output is punched paper tape and/or printed tape listing.

GENERAL PRICING INFORMATION

MODEL	CRU	CTU	TPU
Basic Unit - Net Price:	\$1850.	\$2395.	\$1850.
Monthly Rental: (one year contract with maintenance)	\$98.	\$130	\$98.
Monthly Rental: (four year lease with maintenance)	\$75.	\$98.	\$75.
Maintenance contract only - per month:	\$20.	\$26.	\$26.

Optional features will increase these prices.

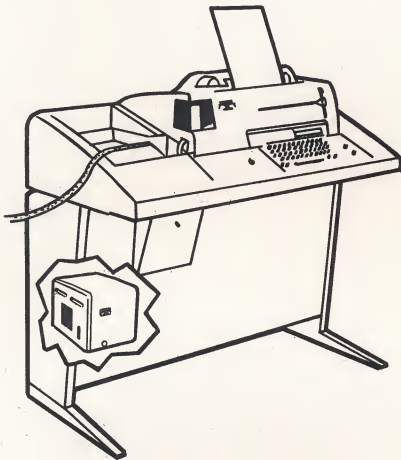


Please complete the quick reaction information request card for further details.

APPROVED

AN APPROVED DEVICE

The attachment of the CRU to a standard Teletype machine is made through the use of the standard Teletype business machine interface.



This interface, the Teletype Multiple Wire Distributor, is manufactured by the Teletype Corporation and is available nationwide, through any telephone company for about \$20. per month. The CRU connects directly to the TTY-MWD through a standard connector. The TTY-MWD is located, out of sight, in the base of the Teletype machine cabinet. Your telephone company not only approves of this type of application, but encourages greater use of their data communications service.

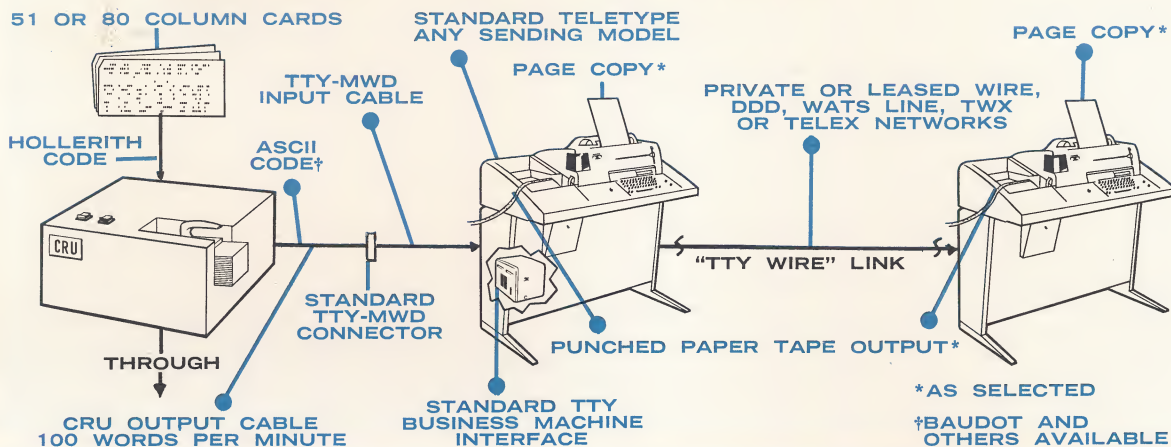
When the CRU is used with a phone type data set, appropriate provision must be made to adapt the output of the CRU to the input capabilities of the particular data set. The required modifications and additional equipment are available from Digital. This application of the CRU-data set combination is a telephone system approved data set application.



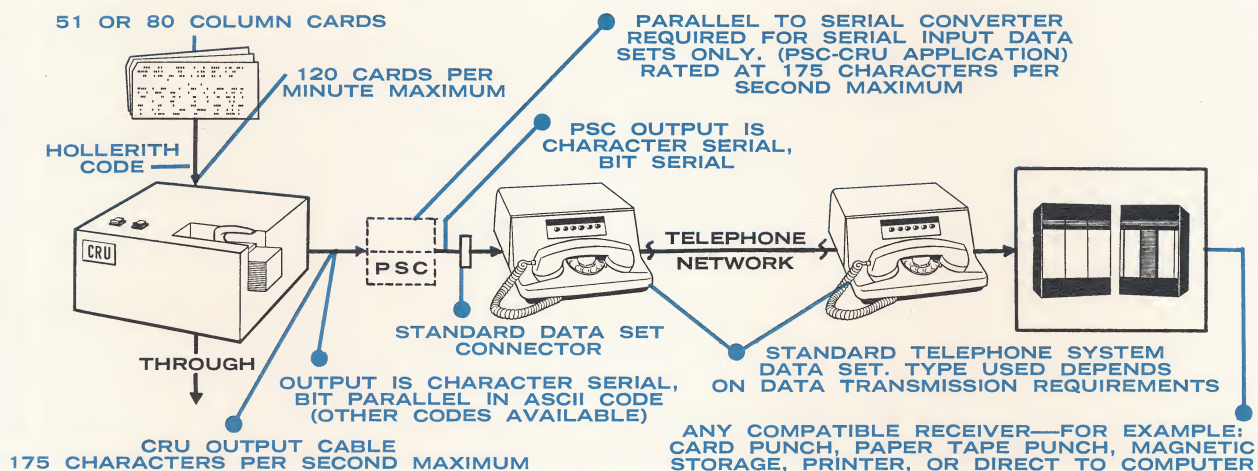
DIGITAL ELECTRONIC MACHINES, INC.

2130 JEFFERSON STREET, KANSAS CITY, MISSOURI 64108
TELEPHONE: 816/421-3181 TWX: 910/771-2067

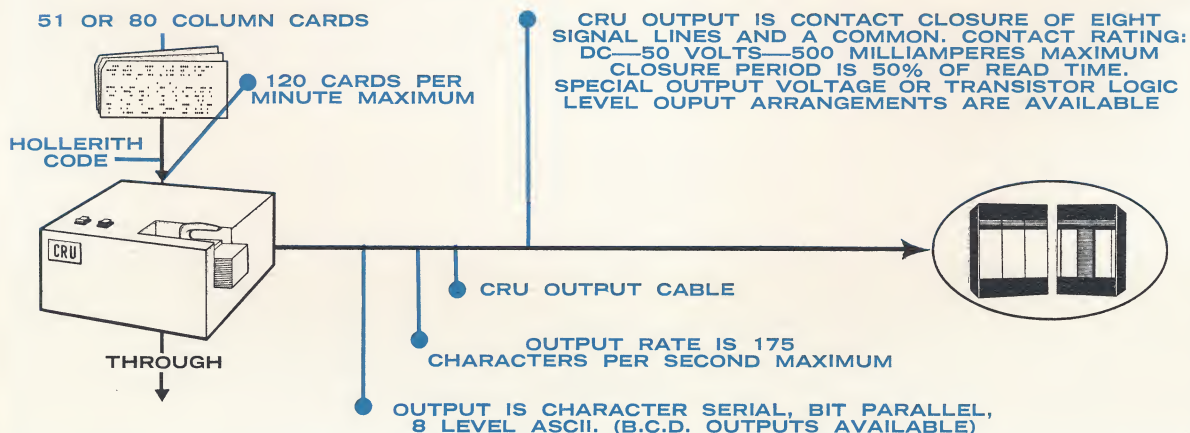
CRU/TELETYPE INTERFACE



CRU/DATA SET INTERFACE



CRU/DIRECT-TO-COMPUTER INTERFACE

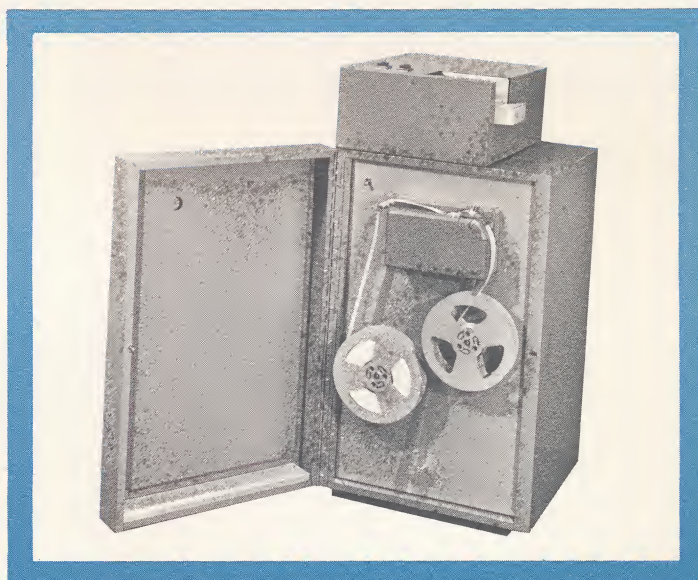


OTHER PRODUCTS



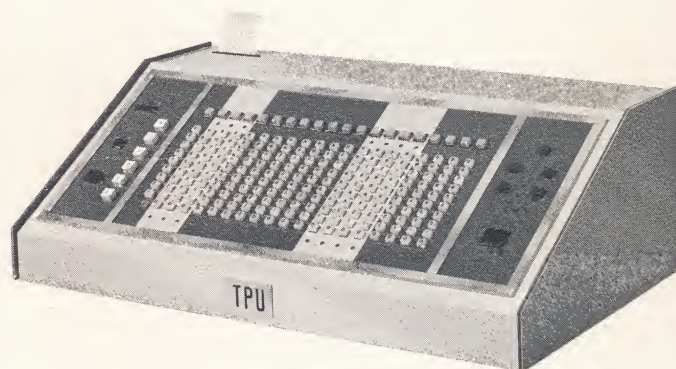
CTU (CARD-TO-TAPE CONVERTER)

Can read standard 80- or 51-column tab cards or edge-punched cards, and transfer their data into punched paper tape for use with computers, business machines, automatic test equipment, automatic control equipment, numerically-controlled machine tools and similar data handling devices. CTU has an automatic hopper feed, can punch any 5 to 8-level code in the output tape, and has a tape punch speed of 1000 characters per minute.



TPU (TAPE PREPARATION UNIT)

Is a self contained data collection unit. Keyboard input is converted to 8 level ASCII (or other) punched paper tape output and/or printed tape listing. Custom constructed with modular units and flexible programming the TPU can meet specific needs economically. Applications include: Gathering data from remote areas in computer comtable form, expiditing sales order entry and branch store reporting, and direct computer entry. Paper tape output can be transmitted by TWX or mailed.



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